

Honours Geography (66 credits)

Offered by: Geography Degree: Bachelor of Science

Program Requirements

In addition to the Faculty requirement that Honours students maintain a minimum CGPA of at least 3.00, students who enter a Geography Honours program on or after September 2006 must have a program GPA of 3.30. Honours students are encouraged to participate in 500-level seminars with graduate students, but it is not advisable to take more than one per term.

Required Courses (24 credits)

- [GEOG 201 Introductory Geo-Information Science \(3 credits\)](#)
- [GEOG 203 Environmental Systems \(3 credits\)](#)
- [GEOG 272 Earth's Changing Surface \(3 credits\)](#)
- [GEOG 302 Environmental Management 1 \(3 credits\)](#)
- [GEOG 351 Quantitative Methods \(3 credits\)](#)
- [GEOG 381 Geographic Thought and Practice \(3 credits\)](#)
- [GEOG 491D1 Honours Research \(3 credits\)](#)
- [GEOG 491D2 Honours Research \(3 credits\)](#)

Complementary Courses (42 credits)

6 credits of introductory courses, two of:

- [GEOG 210 Global Places and Peoples \(3 credits\)](#)
- [GEOG 216 Geography of the World Economy \(3 credits\)](#)
- [GEOG 217 Cities in the Modern World \(3 credits\)](#)

3 credits of statistics*, one of:

- [BIOL 373 Biometry \(3 credits\)](#)
- [GEOG 202 Statistics and Spatial Analysis \(3 credits\)](#)
- [MATH 203 Principles of Statistics 1 \(3 credits\)](#)
- [PSYC 204 Introduction to Psychological Statistics \(3 credits\)](#)
- [SOC 350 Statistics in Social Research \(3 credits\)](#)

3 credits of GIS techniques:

- [GEOG 306 Raster Geo-Information Science \(3 credits\)](#)
- [GEOG 308 Principles of Remote Sensing \(3 credits\)](#)

12 credits of systematic physical geography:

- [GEOG 305 Soils and Environment \(3 credits\)](#)
- [GEOG 321 Climatic Environments \(3 credits\)](#)
- [GEOG 322 Environmental Hydrology \(3 credits\)](#)
- [GEOG 372 Running Water Environments \(3 credits\)](#)
- [GEOG 470 Wetlands \(3 credits\)](#)

3 credits of field courses:

- [GEOG 495 Field Studies - Physical Geography \(3 credits\)](#)
- [GEOG 496 Geographical Excursion \(3 credits\)](#)
- [GEOG 499 Subarctic Field Studies \(3 credits\)](#)

15 credits from approved courses in Geography, or elsewhere in the Faculty of Science or the Faculty of Engineering; at least 9 credits of which are to be taken outside Geography. Students may also include any courses that are not already counted towards the GIS techniques or the systematic physical geography requirements. Admission to 500-level courses in Geography requires the instructor's permission. It is not advisable to take more than one per term.

Geography Approved Course List – B.Sc. Majors and Honours Programs

- [GEOG 404 Environmental Management 2 \(3 credits\)](#)
- [GEOG 501 Modelling Environmental Systems \(3 credits\)](#)
- [GEOG 505 Global Biogeochemistry \(3 credits\)](#)
- [GEOG 506 Advanced Geographic Information Science \(3 credits\)](#)
- [GEOG 523 Global Ecosystems and Climate \(3 credits\)](#)
- [GEOG 535 Remote Sensing and Interpretation \(3 credits\)](#)
- [GEOG 536 Geocryology \(3 credits\)](#)
- [GEOG 537 Advanced Fluvial Geomorphology \(3 credits\)](#)
- [GEOG 550 Historical Ecology Techniques \(3 credits\)](#)
- [GEOG 555 Ecological Restoration \(3 credits\)](#)
- [URBP 556 Urban Economy: A Spatial Perspective \(3 credits\)](#)

Advising Note: See the Geography website for the list of approved courses in the Faculties of Science, Engineering, and on Macdonald Campus. Some courses require the permission of the Department and from the Associate Dean of Science, Student Affairs.